Development (1943) Department

Ms. SERIES.

G.O. No 784

Dated 13 - 5 - 1943

[Despatch Abstract.]

Industries - Sericulture - Silk filature

factories at Kollegal - Electrification

Supply of Bulk power from Sivasamudram

Papers recorded

Memo No 1743 ~/43 Ad dt 4.2.43

Sub: War - supplies - Silk - Silk filatures

factories at Kollegal - Electrification.

Ref from the Chief Engineer (Z), Madras

~~No~~ No 5547-~~A~~/42-5 dt 25.1.43,

addressed to the DIGE.

The attention of the DIGE is invited to the letter cited and he is requested to report ~~urgently~~ the action taken by the Electrical Engineer (Gk), Vellore in the matter of the electrification of the Silk filatures at Kollegal.

C.F. 32 (a).

Public Works Department

From (Name) Sri. M.R.B. Rao,

Designation Elecl. Engineer (General)

Station Vellore, N. Arcot Dt.

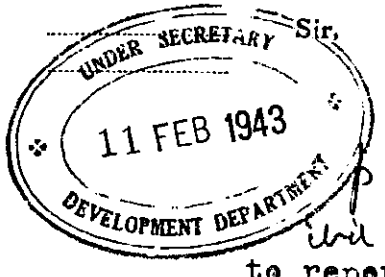
Received ..... Registered .....

To

The Under Secretary to
Government of Madras,
Development Department.

Enclosures :

No. 1204M dated 10.2.43 194



Sir,

Sub: War - supplies - Silk - Silk filatures Factories at Kollegal - Electrification

Ref: Copy of Govt. Memo.No. 1743 Sc/43-1 dated 4/2/1943.

I have the honour to report as follows. The Electrical Engineer, Panchayat Board, Kollegal informed me that under the existing load conditions and capacity of the plant, it may not be possible to spare power to the Government Silk Filatures except for lighting. I suggested certain alternatives and for a change of the working hours of the Industrial load to the panchayat area by which power could be spared to the Silk Filatures.

2. The Electrical Engineer, Panchayat Board in reply reports that he feels diffident that the arrangement as suggested above by me may not work successfully without

additional

plant. However I have programmed to inspect Kollegal this week end, and discuss the matter at site. A detailed report on the subject will be submitted through the Director of Industries on my return from Kollegal.

M

AS/10.2. Electrical Engineer (General).

To under Sec

Dev. Dept

Rp 3-4 above

Submitted for personal.

& M above

Detailed report promised may be awaited till 22.2.43

Re-submitted View of letter Rps 5-6 below

12.2.43

Confidential. D.O. [illegible]

Department of Industries and Commerce,
Madras, Date 23 FEB 1943 ry. 1943.

SECRETARY TO GOVT. DEVELOPMENT DEPARTMENT

Dear Mr. Westlake,

Subject:- Government Silk Filatures, Kollegal - Supply of electric power, etc.

When at Bangalore recently I met Rajamantrapravina K.V. Anantaraman, Minister for Revenue and Finance for Mysore, Mr. Hayat, the General Superintendent, Cauvery-Power Scheme, Sri Appadurai Mudaliar, the Director of Industries and Commerce, Mysore, and the Managers of the Chennapatna Spun Silk Throwing Factory and the Government Silk Factory, Mysore. I discussed with the Minister (i) the cocoon control scheme which the Government of Mysore contemplate enforcing in the near future, and (ii) the possibility of supplying electric power to the Government Silk Filatures from Sivasamudram. I discussed the control scheme in a little more detail with the Secretary of the department concerned and also with the President of the Silk Merchants Association of Mysore. I have been promised a copy of the bill as soon as it is ready. Madras will have to fall in line with the main provisions of this measure since Kollegal is after all a projection of Mysore in so far at least as the silk industry is concerned. Mysore is the big brother and what Mysore does is of greater concern to us than what we do is to Mysore. However there is not likely to be any conflict of interest. Under the Mysore scheme, Mysore filatures would, of course, come first.

2/ I discussed in great detail the question of supplying power to our filatures from Sivasamudram with Mr. Hayat and with the officer-in-charge of the generating station at Bluff. Both were most helpful. Mr. Hayat told me, unofficially, that Mysore would be able to spare enough power to meet our requirements whether immediate or the near future and that his department would do everything it could to help us, even to the extent of erecting the transmission lines in our territory, provided we pay the actual cost of such work and we provide copper and other wiring etc. Mr. Anantaraman, the Minister, was also sympathetic and suggested that Madras move officially in the matter at an early date. He said that details could be settled later on by me in consultation with the Mysore authorities. M.P. Pai had sounded the Minister unofficially in the matter a little earlier.

3/ I am personally keen to push on the scheme for connecting Kollegal with Sivasamudram because this will ensure continuous and uninterrupted supply of electric energy to the filatures. I do not see why when such a source of supply is available to us, (the difference in cost is negligible), we should depend upon the Panchayat power house where there are two 40 K.V.A. engines, one of which alone is working (the other is unserviceable at present) and even for this one there is not enough of diesel oil. When I was at Kollegal the power house was working for 10 hours but arrangements were under way to cut this down to 8 hours under the orders of the Collector. Mr. M.R.B. Rao (Electrical Engineer, General) and Mr. Raman (Assistant Engineer, Electrical and Mechanical) who had run up to Kollegal discussed the question in great detail and I was able to give them the information I had gathered in my talks with Mr. Hayat. I understand that Lieut.-Col. Platts, Chief Engineer for Electricity, also passed through Kollegal on his way to Sivasamudram and stopped a while to have a look at the old and new filatures. I discussed this question also with Batchelor and he too thought that it would be best to take power from Sivasamudram. Any way it is for Government to decide from what source power has to be taken and this decision has to be taken immediately if further time has not to be lost. Orders have to be laced

for the manufacture of transformers with the Mysore Electirc Works and this job would take some six weeks. Arrangements have also to be made for the purchase of motors and other electric equipment and all this can be done only after Government decide where the filatures are to take power from

4 Two other subjects were discussed at Bangalore: one concerned the working of filatures and the other the working of the Mysore Sericultural Department. On the filature side, besides the two Managers of the two Government concerns, I met the Chairmen of the Silk Filatures, T. Narasipur and of the Vellum Parachute Factory (of 500 basins). In view of the great demands made by the expansion scheme on Mysore resources, none of them could offer to lend the services of any competent reeling supervisors. The Manager of the Mysore Government Silk Factory, M.A. Qadir, gave me a great deal of information on many aspects of the problem. He has a good academic record -- he is a B.Sc.,-- and has also 7 years' experience of running the Mysore Government Silk Factory to his credit. From the figures that I saw of the working of that concern, he seems to have run it well. He is quite young and is full of push and drive. He is one of the men in reserve whom I am keeping in view for the running of the Government Silk Filatures at Kollegal.

5 I discussed the sericultural aspect of the question in some detail with the Director of Industries and Commerce, Mysore, and ascertained from him that Mysore could not spare us sericulturists in view of great demands being made on its resources by the expansion scheme. It may, however, be possible for Madras to get a young man from Patna, a M.Sc. in Zoology with Entymology as his main subject, now undergoing training in the Mysore Sericultural Department. I understand that he has been sent down by the Bihar Government and that he has had 7 months' training at Bhagalpur (Bihar) in eri and tussore silk worm rearing and in mulberry cultivation. I have not met the young man but I shall do so at an early date and shall then decide whether he would be useful to Madras.

A.R.C. Westlake Esq., I.C.S.
Secretary to Government,
Development Department,
Madras.

Letter No. 1743 SC/432 dated 24 February 1943.

To

The ~~Secretary to the~~ Hon'ble the Resident
for Mysore, Bangalore.

Sir,

Sub: Govt. Silk Filatures, Kollegal -
Supply of electric power etc.

As you may be aware, the Madras Govt. are now putting up a Silk Filature & Factory at Kollegal for the supply of silk to His Majesty's Govt. in the U.K. The entire cost of the scheme is being borne by His Majesty's Govt. The question of supplying electric power to the Govt. Silk Filatures has been engaging the attention of this Govt. The Director of Industries & Commerce, Madras, reports that he discussed the matter with the General Superintendent, Cauvery Power Scheme, Mysore, during his recent visit to Bangalore. As a result of this discussion, the D.I.&.C. has suggested that electric power to the Govt. Silk Filatures at Kollegal may be supplied from Sivasamudram. It would appear that Mysore would be able to spare ~~only~~ enough power to meet the requirements of the Silk Filatures and that the Mysore Govt. would be do everything in their power to help, even to the extent of erecting the transmission lines in the territory within this Province, ~~provided~~ if this Govt. would pay the ~~such cost of actual~~ actual cost of such work, and also provide the copper and other wiring required. The Madras Govt. ~~would~~ be willing to accept the generous offer of Mysore, if it is practicable to supply the Govt. Silk Filatures at Kollegal with electric power from Sivasamudram, because this will ensure a continuous and uninterrupted supply of power to the Filatures. I am therefore directed to ~~request~~ request that the Mysore Govt. ~~may be moved officially in the matter and their consent may be obtained to their supplying electric power from Sivasamudram to the Govt. Silk Filatur at Kollegal. The Mysore Govt.~~ may ~~also~~ be reques

to give an estimate of the length of the line and the other materials required and also ~~to give their~~ the rates at which they can supply ~~current~~ electric energy to the Govt. Silk Filatures. and any information which may be useful to the Govt of Madras in considering the matter

In view of the urgency of the matter, I am directed to request that a very early reply may be sent.

Y.O.S.

D.O. No. 1743 SC/43-3 dated 24th February 1943.

Dear Col. Platts,

Sub: Govt. Silk Filatures at Kollegal - Supply of electric power etc.

I am directed to enclose extracts from a letter received from the D.I.&.C., Madras, on the subject cited above, and also a copy of this Govt.'s letter to the Hon'ble the Resident. I am directed to request you to offer your remarks on the suggestion that electric power to the Govt. Silk Filatures may be obtained from Sivasamudram.

omit portion in square brackets.

Yours sincerely,

C 24/2/43

with encls 24/2

Lt.Col.M.G.Platts, C. O.B.E., M.C. Chief Engineer for Electricity, Madra

SECRETARY TO GOVT. DEVELOPMENT DEPT.
25 FEB 1943

Office of the Chief Engineer
for Electricity,
Chepauk, Madras, 25th Febr.1943.

My dear Westlake,

Electrification of the silk filatures at Kollegal.
---

pp alw

With reference to your D.O.No.1743-Sc/43-3 dated 24-2-43, I dealt with this subject fully in my letter No.5547-G/42-6 sent to Govt. yesterday. My proposals are the same as those of the Director of Industries but go into greater detail. As soon as Govt. approves of them I will ask the Mysore Electricity Dept. to commence construction.

It might save a little time if you would compare notes with Warren as the letter I suggested that Govt. should write to Mysore is partly covered by yours to the Resident.

There is no reason why supply should not be ready before the factory is ready to take it but in any case there appear to be means by which the Industries Dept. can maintain full production from all the raw material at present available.

The existing factory was only working to about one third capacity when I saw it mainly due, it was reported, to shortage of cocoons.

Yours sincerely,

M. G. Watts

R.C.Westlake Esq., I.C.S.,
Secretary to Government,
Development Department,
Chetput, M a d r a s.

See PD my letter dated
25.2.43

Copy of letter from the Chief Engineer for Electricity, Madras, to the Secretary to Government, Public Works Department, No. 5547-G/42-6 dated 24-2-1943.

Sub: Electrification of the silk filatures at Kollegal.
Ref: D.O. of P.W.D. Secretary dated 10-2-1943.

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1. An Assistant Engineer of this Department carried out a detailed investigation into the power requirements of silk filatures at Kollegal at site last week. He inspected the Panchayat Board oil engine station, the existing silk factory and the new factory under construction. He discussed the full position in detail with the Panchayat Board Electrical Engineer, Seri-cultural Expert and the Industrial Engineer on special duty and collected the relevant data and information which had not previously been furnished by the Industries Department.

2. I have also inspected the factories and the following recommendations are made after personal consideration with the object of meeting the Industries Department's requirements as quickly as possible.

3. One of the two engine sets in the Panchayat Power House is out of commission requiring considerable repairs for which spare parts are not readily available. Supply of reliable power from the Panchayat Power House is therefore not feasible without the installation of additional generating equipment which could not be provided without considerable delay. The Assistant Enginee was informed by the Industries Department Officers at Kollegal tha no motors etc. were yet ordered for the factory. The utilisation of Sivasamudram supply, which is 25 cycles as against 50 cycles of our standard, is thus feasible as motors can be ordered suitabl for 25 cycle supply.

4. The Assistant Engineer accordingly carried out preliminary talks with the Mysore Electricity Department Officers at Bangalore regarding supply of Sivasamudram power to Kollegal. Fortunately they were interested in constructing a short-cut tie line through British territory via. Kollegal for improving their rural electrification. They are prepared to give bulk supply at 13.2 K.V. at Kollegal, themselves bearing all the capital cost of the transmission line from Sivasamudram to Kollegal which is about 14 miles.

5. The following conditions were specified by the Mysore Electricity Department:-

(1) Bulk supply to be given at a suitable point at Kollegal at 13.2 K.V., 25 cycles, 3 phase (H.T. metering set will be installed at the point of supply at their cost).

(2) Energy to be billed at one anna per unit. Minimum monthly charge will be based on 100 units per horse power.

(3) Agreement to be for a minimum period of five years. If the period is less, rates will be higher.

(4) Right to be given for constructing and maintaining their transmission and telephone lines within British territory including exemption from Motor Vehicles Act, Indian Electricity Act and Income-tax on the revenue realised from sale of power within the British territory.

(5) Copper conductors required for the transmission line to be sold by Madras Government at controlled rates.

6. They expect to be able to establish supply to Kollegal within about a month from date of receipt of positive orders.

They have also agreed to construct our feeder lines and transformer substations including supply of transformers etc. at cost plus 18 percent. As they can do this work along with their transmission line construction, this arrangement would be economical and expeditious for us considering the proximity of Kollegal from Sivasamudram and its relative isolation from the departmental supply areas.

7. The arrangements proposed including the transmission line and feeder lines are indicated in the drawing enclosed. They comprise

(i) bulk supply point near the Government Silk filatures,

(ii) 13.2 K.V. feeder lines to the Kollegal Silk filatures and to the pumpset on the Cauvery bank (of one and two miles length respectively), and

(iii) three stepdown transformer stations 13.2 K.V/220V (consisting of 3 single phase units each) of capacities 45 K.V.A. at Government Silk Filatures, 15 K.V.A. at Kollegal Silk Filatures and 4.5 K.V.A at the Cauvery pumpset.

8. The approximate cost of the feeder lines and transformer stations etc., is Rs.28,000 exclusive of centage charges of the 18 percent due to the Mysore Government if the construction is undertaken for us by them.

9. This is an economical capital outlay since other possible alternatives such as installing an additional generating set in the Panchayat Power House or an independent set at the Government Silk Filatures would cost considerably more not to speak of the delays involved.

10 Further the rate of one anna per unit offered compares very favourably with the cost of thermal power from the Panchayat Board Power House (which is over 1.8 anna).

11 We may later consider extending the benefit of the cheaper hydro supply to the Panchayat and shutting down the oil engine station.

12 Electrical equipment inside the factories.

The L.T. supply for the factories will be 220V, 3 phase 25 cycles. The motors should therefore be standard 25 cycles, 220 volts, 3 phase and of capacities equal to the effective horse power required or alternatively standard 50 cycles 400/440 volts 3 phase and of capacities equal to double the effective horse power required as these will be suitable for running on 25 cycles, 220 V supply and develop the effective horse power required. This latter practice is said to be in commercial usage in Mysore in many cases. Secondhand motors of the former type are said to be procurable in Mysore while under the latter alternative standard motors readily available in the market may be utilised.

ency for execution.

The work thus comes under two categories, viz.

(i) establishment of L.T. supply at 3 points, viz. Cauvery pumpset, Kollegal Silk Filatures and the Government Silk Filatures, and

(ii) installation of motors, wiring, etc. inside the buildings, i.e. work beyond the 3 points of L.T. supply.

The first will be undertaken by this Department as per proposals submitted below and the second is the responsibility of the Industries Department and the P.W.D.

Proposal for electrical supply.

(1) The Mysore Government may be intimated that the conditions - vide pages 1 and 2 as specified by them - are acceptable to the Madras Government subject to such modifications as may be mutually agreed upon by further negotiations and that in anticipation of formalities they may proceed with the construction of the transmission line.

(2) The Mysore Government may be asked to submit estimates (with drawings) for constructing our feeder lines and transformer substations including the supply of transformers for my scrutiny and acceptance (at actuals plus 18 per cent.) but to commence the work straightaway in anticipation of the acceptance of the estimates. The layout of the feeder lines to be generally as per drawing SK.1746.

(3) The execution of the work in item 2 including the location of the point of bulk supply and transformer substations to be done by the Mysore Government in consultation with this Department's representative at site.

(4) The draft agreement to be entered into by the Industries Department with the Mysore Government for the supply of H.T. bulk power at Kollegal to be prepared by this Department for approval of Government.

(5) To avoid delays, the Mysore Government may be asked to authorise their Electricity Department

(i) to proceed with the execution in anticipation of formalities, and

(ii) to carry on further correspondence on details and other matters directly with the Madras Electricity Department.

14. If Government approve these proposals I expect that the electrical supply can be established for the silk factories without any delay and considering the unadvanced stage in which the construction of the factory is at present the supply will be ready earlier than they can avail of it.

15. I request to be informed urgently whether the Mysore Government is being addressed by Government on the lines suggested or whether I should take up the correspondence on any of the points myself directly with the Mysore Electricity Department.

D.O. No 1743 D/43-H dt 1-3-43

Sub Silk Weaving factory at Kollegal - Electrification

Ref Your D.O. dated. 20.2.43

The question of supply of electric energy required for the Silk Weaving factory at Kollegal from Sivasamudram is separately under correspondence with the Mysore Govt. I am to enclose for your information Copy of letter No. 5327-E/42-6 dated 24.2.43 from the Chief Engineer for Electricity, Madras to the Government on

Vide H.F. 8 cf

pp 11-13 cf.

the subject and to request you to submit urgently proposals for the installation of motors, wiring etc inside the buildings, as suggested in paragraph 12 of the letter ~~under~~ dealing whether any of the machineries already sanctioned ~~are or~~ become unnecessary on that account]

C
1343 A.R.C.W. (Sd)

[delete]

X | Await no from PW secy.
A on 4/3 CA.

A Khaleeli Esq I.C.S.
D T & C.

Electrification of the Silk Filature Factories at Kollegal. 2 34/43

A-2 discussed this matter today with Chief Engineer (Electricity, Secretary, Development, and myself. He directed the Chief Engineer to make enquiries and report within ten days on the possibilities of supply, first to the existing factory, then to the new factory, and then to the Panchayat licensee (by conversion or change over of private motors).

The Chief Engineer (Electricity) suggests that, in order to get Mysore to start the work, he should write to them asking them to put up a line from Sivasamudram to Elandur via Kollegal, at their cost, and also to construct, on our behalf, a feeder line from the the new silk filature factory site to the old factory, and telling them that he will agree to the conditions (1) to (5) specified by them. (We need not say anything about the Panchayat Board licensee and the pumping house at present). This suggestion is subject to anything that the Mysore Electricity department may say in the letter to be received today or tomorrow. If Mysore ask us to pay the cost of constructing the transmission line, he will reply that, in that case, the line must stop at Kollegal.

D.D.W.27/2/43.

Secretary, Development for perusal and return please.

Seen and returned with thanks. Could I have a copy at

your convenience?

A.R.C.W./27-2-43.

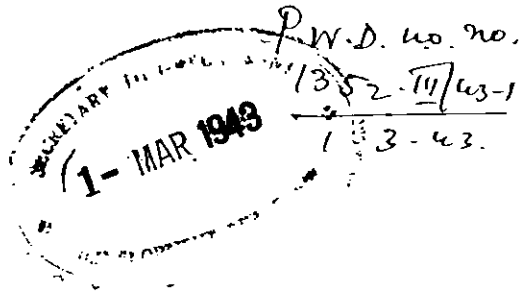
Secretary, P.W.D.

Send copy to Secretary, Development at once.

D.D.W/28-2-43.

A.S. This may be sent to Secretary, Development,

1.363 Secy DCO



P.W.D. No. no.
352-Tu/43-1
1-3-43.

UNDER SECRETARY
18 MAR 1943
DEVELOPMENT Dept.

GOVERNMENT OF MADRAS 5909

Public Works Department

5068

MEMORANDUM NO.1352-III/43-7, dated the 18th March 1943.

Sub: Government silk filatures, Kollegal - Supply of electric power

The Mysore Government have been asked to erect a transmission line for supply of electric power from Sivasamudram to this Government at the site of the new silk factory at Kollegal. The Collector of Coimbatore and the Chief Conservator of Forests are requested to render all necessary assistance to the Mysore officials erecting the line from Sivasamudram to Kollegal.

D. D. Warren,
Secretary to Gove

To the Collector of Coimbatore.
" " Chief Conservator of Forests.
Copy to the Chief Engineer (Electricity).
" " " Development Department.

Forwarded / By Order.

T. V. [illegible]
Superintenden

Endt No 1743 SC/43-5 d 23.3.43

Communicated to the DIGC

L/22347 f. 18/3/43

UNDER SECRETARY
18 MAR 1943
DEVELOPMENT DEPARTMENT

GOVERNMENT OF MADRAS
Public Works Department

50[illegible]

MEMORANDUM No.1352-III/43-6, dated the 18th March 1943.

Sub: Government silk filatures, Kollegal - Supply of electric power.

The Mysore Government have been asked to erect a transmission line for supply of electric power to this Government at the site of the new silk factory at Kollegal. Possibly, the Mysore Government will wish ~~to~~ to run the line along the new bridge near Sivasamudram. The Chief Engineer (Communications) is requested to obtain the consent of the District Board after explaining to the Board how the supports for the line would be constructed. This should

be treated as very urgent.

D. D. Warren,
Secretary to Government.

To the Chief Engineer (Communications).
Copy to the Chief Engineer (Electricity).
" " " Local Administration Department.
" " " Development Department.

Forwarded / By Order.

Superintendent
Dev. Dept

Endt No 1743 SE/43-6 d 23 343

Communicated to the DTE

e 22 343

D.O.No.2200-D/42.

5519

Director of Industries & Commerce
Madras, 22nd March 1943.

My dear Sivasankar,

Sub: Silk Filatures - Electrification of.--

I spoke to Sir Henry Howard on the phone about the electrification of the Filatures. He told me that the first and foremost thing to do was to get direct connexion from Mysore. The next step was to give power to the Panchayat Board and the third and last stage would be to connect the Filatures with the Panchayat Board Power House. The only stage at which my Department comes in is, the first stage; the other two stages are the concern of the Electricity Department except in so far as charges are concerned under the third stage. Sir Henry told me that the Panchayat Board should be able to supply the Filatures with electricity at the rate at which it buys power from Mysore.

I spoke to Sir Henry about the purchase of 50 cycle motors for the use of the Filatures although power supply from Mysore was to be of 25 cycle. Sir Henry said this could not be helped for the present and in any way as the difference in price was not much, there was nothing wrong about it.

I asked Sir Henry whether he had received any replies from Bombay, Karachi and Kashmir to whom enquiri had been addressed as regards availability of generator motors. He told me that replies had come in except from Kashmir.

I told Sir Henry, that I would record this talk with him on the phone and shall proceed with our arrangements for supply of power to the Filatures direct from Sivasamudram without the intervention of the Panchayat Board Power House.

Yours sincerely,

T. Sivasankar, Esq., I.C.S.,
Additional Secretary to Government,
Development Department.

For perusal.

I spoke to Sir Henry about the use of 25 cycles current on 50 cycle motors. He says that our apprehension that we will have to use 100% more current to generate the same H.P. is unfounded. He is not prepared to say off-hand what extra power will be consumed by working a 50 cycles motor with 25 cycles current. I see from the Chief Engineer's (Electricity) letter at pages 11-12/C.F: in the Linked file that the practice of running 50 cycles motors on 25 cycles is in commercial usage in Mysore. ~~in many cases~~. The effect of using 25 cycles current on a 50 cycles motor is to reduce the speed by half. To get the requisite speed the voltage has to be doubled. Business men would not have used standard 50 cycles motors if they had to pay twice the amount for the power consumed.

D.O.No.2200-D/42.

Department of Industries
and Commerce,
Madras, 22nd March 1943.

My dear Sivasankar,

Sub:- Kollegal Panchayat Board - Hydro-electric supply from Sivasamudram - Resolution of the Board.

When the Second Adviser to His Excellency the Governor was at Kollegal on the 18th March 1943, the President, Panchayat Board, Kollegal, informed him of the resolution passed by the Panchayat Board in October 1942 expressing Board's willingness to change over to Hydro-electric power. A copy of the resolution passed by the Panchayat Board together with a copy of the covering letter of the President is enclosed as desired by the Adviser.

Yours sincerely,

T. Sivasankar Esq., I.C.S.,
Additional Secretary to Government,
Development Department,
Madras.

Copy of letter No.13b/E/42 dated 5-10-1942 from the President, Panchayat Board, Kollegal, to the Sericultural Expert, Kollegal, and copy to the Director of Industries and Commerce, Madras.

Kollegal Panchayat Board - Hydro-electric supply from Sivasamudram Power for the new filatures - Panchayat Board willing to share the power.

I have the honour to state that the Public of Kollegal have informed this Board that the Supply department proposes to get Hydro-electric power from Sivasamudram for the New Silk Filatures for lighting and power purposes. As the filatures factory is being constructed in the vicinity of Kollegal advent of Hydro-electric power will be a boon to the public and this Panchayat Board is willing to change over to hydro-electric power as it would be cheaper for the consumer and as energy is available without restriction. In this connection the Board has passed the undermentioned resolution.

In conclusion I request that you may be pleased to include the Panchayat Board as one of the consumers that will go over to hydro-electric power if it is available. The Board is prepared to render all facilities to the Supply Dept. in the matter.

Copy of the resolution:

As it is understood that the Supply Dept. are getting electric power from Sivasamudram for their new Silk filatures factory at Kollegal, it is resolved that this Board is prepared to share it with the supply Dept. in taking electric supply and to provide all facilities. The copy of the resolution shall be sent to the concerned authorities.

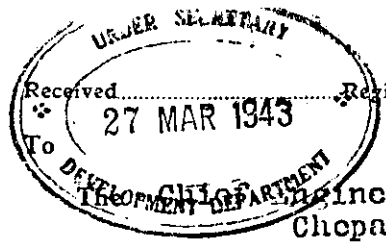
C.F. 32 (a).

Department

From (Name) A. Khaleeli Esq., I.C.S.,

Designation Director of Industries and Commerce,

Station Chepauk, Madras.



5842

To The Chief Engineer for Electricity, Chepauk, Madras.

Enclosures :

No. 2200-D/42 dated 25th March 1943

Sir,

Subject:- Electrification of the two silk filatures at Kollegal.

With reference to your letter No.5547-G/42-6, dated the 24th February 1943 to the Secretary to Government, Public Works Department, I wish to inform you that the channel scheme for getting water to the Government Silk Filatures from the Cauvery river has been deferred for the present. The H.T. feeder line from the point of bulk supply to the Cauvery pump set site and the step down transformer station there to feed the pump-set will not therefore be necessary now. I request that necessary action may please be taken in this respect to modify the arrangements made with the Mysore Government.

I would also inform you that I have placed orders for 17 Nos. 2 H.P. 220 volt 25 cycle motors (standard 5 H.P. 400 volts 3 phase 50 cycle motors). It is not

proposed to change over just now to electric drive at the Kollegal Silk Filatures Ltd., but the factory will be lit electrically and have an electric pump set.

Director of Industries & Commerce.

Copy to the Additional Secretary to Government, Development Department.

To under Secy. Dev. Dept

Submitted for perusal. (The manifold lines in this dept relating to electrification of filatures was circulated on 23.3.43 [illegible] Dir. [illegible] Sri H. Howard on the question of the use of 25 or 50 cycle mains)

55/05

please let me see this file as soon as possible

All matters 28.3.43 connected with the case should be linked as precedent

29.3.43. For perusal

Addl Sec.

Work on 50 cycle motor with a 25-cycle current.

C:303.4

1.4.43

Department	Received ——— Registered ———
From (Name) A. Khaleeli Esq., I.C.S.	To
Designation Director of Industries and Commerce,	The Chief Engineer for Electricity, Chepauk, Madras.
Station Chepauk, Madras.	

6234
97 343

Enclosures:

No. 2200-D/42 dated 30th March 1943.

Sir,

Subject:- Supply of Mysore power to the Kollegal Panchayat Board.
Reference:- Your letter No.5547-G/42-55, dated the 26th March 1943.

A copy of the resolution passed by the Kollegal Panchayat Board together with a copy of the covering letter No.135-E/42, dated 5th October 1942 of the President is enclosed herewith as desired.

Reference is in this connection invited to your letter No.5547-G/42-2, dated 12th December 1942; my predecessor's letter No.2200-D/42, dated 2nd December 1942 to the Electrical Engineer (General), Vellore, and his reply to it No.D.6339-M, dated 24th December 1942 (copies attached herewith) and my letter to you No.2200-D/42, dated 6th January 1943.

Director of Industries & Commerce.

Copy of letter No.135-E/42, dated 5th October 1942 from the President, Panchayat Board, Kollegal, to the Sericultural Expert and copy to the Director of Industries and Commerce, Madras.

Kollegal Panchayat Board - Hydro-electric Supply from Sivasamudram - Power for the new filatures - Panchayat Board willing to share the power.

I have the honour to state that the Public of Kollegal have informed this Board that the Supply Department proposes to get Hydro-electric power from Sivasamudram for the New Silk Filatures for lighting and power purposes. As the filatures factory is being constructed in the vicinity of Kollegal advent of Hydro-electric power will be a boon to the public and this Panchayat Board is willing to change over to hydro-electric power as it would be cheaper for the consumer and as energy is available without restriction. In this connection the Board has passed the undermentioned resolution.

In conclusion I request that you may be pleased to include the Panchayat Board as one of the consumers that will go over to hydro-electric power if it is available. The Board is prepared to render all facilities to the Supply Department in the matter.

Copy of the Resolution:-

As it is understood that the Supply Department are getting electric power from Sivasamudram for their new Silk filatures factory at Kollegal, it is resolved that this Board is prepared to share it with the Supply Department in taking electric supply and to provide all

facilities. The copy of the resolution shall be sent to the concerned authorities.

Copy of letter No.2200-D/42, dated 2nd December 1942 from the Director of Industries & Commerce, Madras, to the Electrical Engineer,(General) Madras at Vellore.

You may be aware that Government are constructing a Silk Filature Factory at Kollegal for the production of silk for war purposes. It is desirable to supply electric current to the Factory for lighting and power purposes. The Kollegal Panchayat Board which has a small power station is prepared to supply the current provided they are given necessary additional equipment and oil to run their engines all the 24 hours. The alternative course of trying to get current from Sivasamudram will also have to be considered. Before taking up the question it is necessary to prepare an estimate of the electrical requirements of the Government Factory. In the circumstances, I shall be grateful if you will kindly depute an Electrical Supervisor to prepare an estimate of the electrical requirements of the Filature for lighting and driving purposes. The Sericultural Expert, Kollegal, will render him all necessary assistance in the matter.

Copy of reply No.D.6339 M/24th December 1942 from the Electrical Engineer (General) Vellore, to the Director of Industries and Commerce, Madras.

I am addressing the Electrical Engineer, Kollegal Panchayat to furnish me with the details of the generating plant in use to study the additional requirements to cater for your needs. As your letter does not indicate your requirements, I should like to get from you a set of plans and number of motors proposed to be installed initially and ultimately and number of buildings to be electrified. This will give me a fair idea to arrange for your requirements. Getting supply from Sivasamudram will have to be considered only in case we are unable to get additional equipment.

In this connection I called at your Deputy Director and the Engineer at your office on 21st ult. I am not able to get the necessary information as they had to be referred to the Sericultural Expert.

Copy to the Additional Secretary to Government, Development Department, with copy of letter No.5547-G/42-55, dated 26th March 1943 from the Chief Engineer for Electricity for informatio

---

Copy of letter No.5547-G/42-55, dated 26th March 1943 from the Chief Engineer for Electricity, Madras, to the Director of Industries and Commerce, Madras.

Supply of Mysore power to the Kollegal Panchayat Board.

--

I furnish hereunder copy of T.M. received today from the Secretary to Government, P.W.D., on the above subject.

> "It is understood that the Kollegal Panchayat Board passed a resolution last November asking to be transferred to Mysore power and sent copy to the Director of Industries and Commerce. Please consult him and let me know what action was taken on the resolution."

Kindly let me know if any resolution of the Panchayat Board,Kollegal, was received by you, and if so, the action taken thereon. Please furnish me with a copy of the resolution.

The reference may be treated as special.

UNDER SECRETARY
5- APR 1943
DEVELOPMENT DEPARTMENT

Department — Received — Registered 6662

From (Name) A.Khaleeli Esq., I.C.S., To The Chief Engineer (Communications
Designation – Director of Industries & Commerce, Madras.
Station Chepauk, Madras.

Enclosures :

No. C.D/42. – dated – 3rd April 194 3

Sir,

Sub: Government Silk Filatures - Kollegal-
Supply of Sivasamudram power.
f: Chief Engineer's (Electricity) letter
No.5547-G/42-22 dated 22-3-1943 to me
with copy to you.

Copy put up to Minister

With reference to the above, the Assistant Engineer, Mr.Raman saw Mr. Hayath, the General Superintendent, Cauvery Power Scheme at Bangalore on the 2nd and discussed with him the details of the proposed line supports along the Sivasamudram bridge. The drawings showing the details which are under preparation now are expected in a few days. On their receipt I shall forward them to you for necessary action.

Copy to Chief Engineer (Electricity).
Copy to Additional Secretary to Government, Development Department with copy of communication from the Chief Engineer (Electrical). ✓

Copy of letter No.5547-G/42-22 dated 22nd March 1943:

--

I forward herewith a copy of Government Memorandum No.1352-III/43- dated 18-3-1943 regarding the running of the transmission line (to be constructed by the Mysore Government) along the new bridge near Sivasamudram and request that the Assistant Engineer (Electrical) who has been deputed to your Department may be instructed to obtain details of the proposed supports and communicate them direct to the Chief Engineer (Communications).

--

Public Works Department.
Memorandum No.1352-III/43-6 dated the 18th March 1943.

--

Government Silk filatures, Kollegal - Supply of electricity.

--

The Mysore Government have been asked to erect a transmissio line for supply of electric power to this Government at the site of the new silk factory at Kollegal. Possibly, the Mysore Government ~~xishxwish~~ to run the line along the new bridge near Sivasamudram. The Chief Engineer (Communications) is requested to obtain the consent of the District Board after explaining to the Board how the supports for the line would be constructed. This should be treated as very urgent.

Dev.dept
DI

The main file regarding the electrification of the ~~Kollegal~~ silk filatures was circulated to A2 on 3.3.43. This may be added to file on return from circulation. No action is called for.

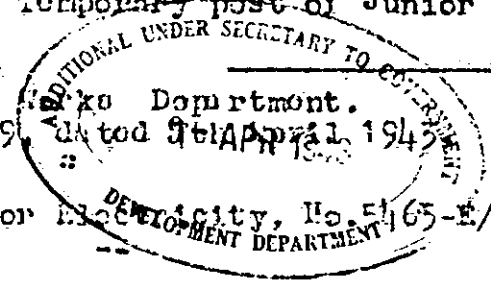
5/4/43

5-4-43 Done 5-4-43

GOVERNMENT OF MADRAS. 7122

Abstract

ELECTRICITY DEPARTMENT - Establishment - Electrification of silk Filatures at Kollegal - Temporary post of Junior Engineer - Sanctioned.



Public Works Department.
G.O.No.Ms.619, dated 9th April 1943.

Read:
From the Chief Engineer for Electricity, No.5165-E/43-45, d/16-3-43,

ORDER:

The Government sanction the employment of a Junior Engineer on Rs.100-10/2-130-15/2-190 per mensem for a period of one month from the date of appointment or until the need for his services ceases, if earlier in connexion with the electrification of the silk Filatures at Kollegal.

2. The expenditure will be debited to "43.a.Industries - Sericulture - J.J.Silk Filature Factory, Kollegal" in the first instance and recovered from the Government of India on behalf of His Majesty's Government in the United Kingdom as an item of Spl Capital Expenditure.

3. The action of the Chief Engineer in having posted a Junior Engineer in anticipation of the sanction of the Government is approved.

/ By order of His Excellency the Governor /

C.K.VIJAYARAGHAVAN,
Secretary to Government.

To The Chief Engr.for Electricity.
" Accountant General thro' the Finance Dept.
" Director of Industries & Commerce.
" Development Dept.
" Controller of Supplies, Madras.
" Government of India, Department of Supply, New Delhi.

Dev.dept Two copy
be added to the Memo forwarded/by order
by the electrification of

Superintendent.
by

o.DKE.124. Office of the Director of Industries and Commerce, Chepauk, Madras, 8th April 1943.

From: A.Khaleeli Esq., I.C.S., Director of Industries and Commerce, Madras.

To: The Chief Engineer (Communications), Madras.

7200

Sir,

Sub: Government Silk Filatures - Kollegal - Supply of Sivasamudram power.

Ref: Chief Engineer's (Electricity) letter No.5547 G/42-22 dated 22-3-1943 to me with copy to you.

Further to my letter No.Mil dated 3rd April 1943 on the above subject, I forward herewith copy of letter No.21918-20 dated 6th April 1943 received from the General Superintendent, Cauvery Schem Bangalore together with a drawing (also received from him) showing the details for fixing the proposed transmission line supports along the Sivasamudram bridge.

In this connection I may point out that supports are to be clamped to the existing masonry pillasters on the bridge piers. The transverse wind load, assuming 25 lbs. per sq. foot on the projected area of supports and 15 lbs. per sq. foot on two kin chird projected area of conductors, works out to about 200 lbs. acting at one foot from the tops of the pole. This will be equivalent to about 750 lbs. acting on the top of the pillaster. If the pillaster are strong enough to withstand this load, the method of fixing the rail supports to the pillasters as proposed by the Mysore Electricity Department could be deemed satisfactory.

Director of Industries and Commerce.

Copy to the Chief Engineer (Electricity).
Copy to the Additional Secretary, Development Department.

Copy of letter No.21918-20 dated the 6th April 1943 from the General Superintendent, Cauvery Power Scheme, Bangalore.

--

Subject: Power supply to Kollegal.

I have the honour to enclose herewith a drawing showing how it is proposed to carry the 13.2 K.V. Transmission Line across the Kollegal Bridge. It will be seen that the method of fixture of the M.S.Rails in no way impairs the strength of the bridge members.

I have also to request you to let me know at an early date whether the work may be carried out as per sketch, after orders of Government are received to go ahead with the work.

Dev. dept. ---

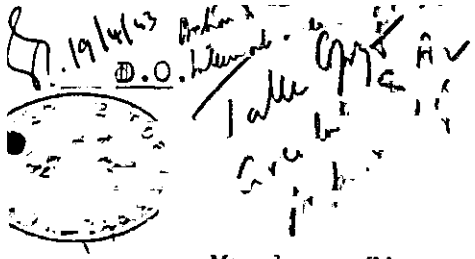
No action on this copy of letter is necessary. This may be added to the file regarding the electrification of Silk filature at Kollegal.

sent to P.W.D. vide our 9.4.43.

12/7/43

10.4.43

10/4/43



DIRECTOR OF INDUSTRIES
& COMMERCE,
MADRAS, Camp Kollegal,
17th April 1943.

My dear Sivasankar, 8020

Sub: Kollegal Silk Filatures - Electrification.

Chou and I called at the Mysore Secretariat yesterday (16th April 1943) and met the Development Secretary. We could not meet the Minister in charge of Sericulture as he was away in Ootacamund. We also met Mr. Govinda Rao, the Officer on Special Duty in connection with the Filature Expansion Scheme. This morning Mr. Rao accompanied us to the Sericultural Farm and the Filature at Chennapatna and Chou and I had a look round these places before coming up to Kollegal.

When at Bangalore I saw the Secretary to Government in the Electricity Department and he told me that Mysore's letter agreeing to giving us power from Sivasamudram was under issue. I also met Hyath at the Secretariat. I was told that 39 miles of 8 SWG copper wire, 26 miles of 12 SWG copper wire and 13 miles of galvanised iron overhead ground wire 5/16" or 3/" diameter have to be supplied by the Madras Electricity Department to the Mysore Electricity Department. The sooner these are supplied the better. Hyath also told me that they had already begun collecting materials required for constructing the transmission lines and that once these had been collected, the lines would run with utmost expedition. He said that he required the permission of the Madras Forest and Excise Departments for clearing trees, bushes etc., in order to run the line through certain areas of Kollegal Taluk. I suggest that the Heads of these departments be

addressed in the matter at an early date and asked to give such assistance as may be necessary to the representatives of the Mysore Electricity Department.

There is just one more matter worth mentioning. Mysore Electricity Department has located with the Electricity Department of the Kashmir Government a motor of about 100 H.P. suitable for operation on 25 cycles generator This motor could, I was told, be used on the existing generator at the Panchayat Power House, Kollegal. I also understand that if a generator of larger size should be available at a later date, it should still be possible to use this motor.

Yours sincerely,

T. Sivasankar Esq., I.C.S.,
Additional Secretary to Government,
Development Department,
Madras.

Dev. Dept

To Addl S.S.

* approved by Addl S & circulated above.

1. A copy of the D.O. has been submitted separately to A2 for perusal.

2. A & C. at pp 35-40 above: Copy of this D.O. may be sent to Pur.Dept for necessary action and a copy below is for approval.

3. B on p 39 above: A draft memo to the C.C.F & Board of Rev(Excise) is submitted for approval.

19/4/43. Ad.S. 19/4/43 Addl.

19.4.43

Memo No 8086 P/43-1 d 19.4.43

Sub: Industries - Sericulture - Silk filature factories at Kollegal - Electrification.

It is proposed to get bulk supply of power from Sivasamudram in the Mysore State for the electrification of the Silk filature factories at Kollegal. The Electricity Dept of the Mysore Govt will put up the transmission lines from Sivasamudram to Kollegal. It has been represented that the trees, including particularly palm trees, branches etc in certain areas of Kollegal taluk through which the lines run have to be cleared for the

purpose and that the Electricity dept of the Mysore Govt. shall be permitted to do so.

The Board of Rev (Excise) and the C.C.F. are requested to issue ~~necessary~~ instructions to their staff in these areas in the Kollegal taluk to permit the removal of such trees, bushes etc & to give such assistance as may be necessary to the representatives of the Mysore Electricity Dept in erecting the transmission line for the Kollegal Complex which is a

19/4/43

Dtd 9.4.43 Letter from the Chief Secretary to the Government of Mysore

Dr. Bd of Rev (Excise)
C.C.F.
Copy to Dy Sec.
Copy to PWD
Copy to the Secretary Mysore through the Resident in C.I.

Accepted to the President. Dtd 20/4/43

43 ✓

D.O.

DIRECTOR OF INDUSTRIES
AND COMMERCE, MADRAS.
Camp Kollegal, 18th April
1943.

My dear Sivasankar,

Subject: Kollegal Silk
Filatures - Electrification.

Will you please refer to my D.O. dated Camp Kollegal, 17th April 1943, on the above subject ? For 3/" diameter occurring in line 8 of paragraph 2, please read 3/8" diameter.

Vide A on f 39 above

Yours sincerely,

T. Sivasankar Esq., I.C.S.,
Additional Secretary to Government,
Development Department,
Madras.

Dev. Dept

Add'l S

Copies of the D.O. above and at f 7 below may be sent to PWD in continuation of Dev. no. Endt. dated N-80 36 D/43-2 d 19.4.43. The copies below is for approval.

x/w

8250

D.O.

DIRECTOR OF INDUSTRIES
& COMMERCE, MADRAS.
Camp Kollegal, 18th April 1943.

My dear Hayath,

Subject: Kollegal Silk Filatures - Supply of electric power.

With reference to your requirement of 39 miles of No. 8 copper wire for the power line, 26 miles of No.12 copper wire for the telephones and 13 miles of 5/16" or 3/8" diameter galvanised iron wire for the earth wire to be supplied by the Madras Electricity Department, I understand from the Assistant Engineer, Mr. Raman, that he suggested to you, when he saw you on the 2nd of April 1943, the desirability of using a heavier section copper wire say 7/0?4" for the power line. I wonder whether this has escaped your notice or whether it was considered and rejected.

It is likely that the Madras Electricity Department may not have No.12 S.W.G.copper wire or the ~~six~~ 5/16" or 3/8" dia. galvanised iron wire in their stocks. Mr. Raman suggests the use of No.8 copper wire in place of these two sizes. You will no doubt hear as regards the correct position from the Chief Engineer for Electricity, but this is merely by way of advance intimation.

With kind regards.

Yours sincerely,

AKLahiri

M. Hayath Esq.,
General Superintendent,
Cauvery Power Scheme,
Bangalore City.

p 39 above

Copy to T. Sivasankar Esq., I.C.S., Additional Secretary to Government, Development Dept., Madras, with reference to D.O. letters dated 17 & 18-4-1943.

SPECIAL. GOVERNMENT OF MADRAS.
Public Works Department.

ENDORSEMENT NO.1352-III/43-13, dated 21st April 1943.

Sub: Electricity - Supply to Silk Filatures at Kollegal
Ref: From the Chief Engineer (Communications) No.1263 W.R./42-5, dated 12-4-43.
From the Director of Industries and Commerce, dated 17th April 1943.
Development Department Memorandum No.8036D/43-1, dated 19th April 1943.
From the Secretary to the Hon'ble the Resident of Mysore D.F.54-43/Pol. dated 19th April 1943.

Copies forwarded to the Chief Engineer (Electricity). He is requested to offer his remarks very urgently on the Mysore Government's letter.

C.K.Vijayaraghavan
Secretary to Government.

To the Chief Engineer (Electricity). (with encls.)
Copy to the Development Department. (with encls.)

Forwarded/By Order.

T.V. Nataraja Mudaliar
Superintendent.

Copy of letter No.1263WR/43-4, dated, 12th April 1943 from the Chief Engineer (Communications) to the General Superintendent, Cauvery Power Scheme, Bangalore.

Sub: Government Silk Filatures - Kollegal - Supply of Sivasamudram Power.

Ref: Your No.21918-20, dated April 6th '43.

--

I have no objection to the proposed arrangment but would suggest the following to reduce the quantity of steel (number of clamps):-

(a) have only one clamp at 2/3 height of Plaster (Pedestal).
(b) Take the Rail post 18" into the pier and grout with cement concrete 1:2:4 using baby jelly.
(c) Reduce height of Rail post to the minimum required according to the Indian Electricity Rules.

A sketch showing the alterations that can be made is enclosed, but please do not let anything delay completion of the work.

--

Copy to the Chief Engineer (for Electiricity)

ENDT. NO.1263 WR/42-5, dated 12-4-43.

COPY (with a copy of the letter of the Director of Industries and drawing) forwarded to the President, Dt. Bd., Coimbatore. Please accord permission to erect the transmission line over the Sivasamudram Bridge as proposed, and report to the Government direct (with copy to this Office)

A copy of Government Memo. No.1352/III/43-6, dated 18-3-43 is also enclosed.

--

To the President, District Board, Coimbatore.

Encl. One copy of letter of Director of Industries and drawing.
One copy of Government Memo.
One sketch showing the alteration suggested.

Copy to the Secretary to Govt., P.W.D., in continuation of Endt. No. 1263 WR/43-3. dated. 6.4.43.

Copy of letter No.D.F.54-43/Pol. dated 19th April 1943 from the cretary to the Hon'ble the Resident in Mysore, to the Secretary to the Government of Madras, Public Works Department, Madras.

Supply of Electricity to the silk filature factory at Kollegal.

With reference to your letter No.1352-III/43-5, dated the 17th March 1943, I am directed to forward a copy of letter from the Government of Mysore No.E.D.S.4478, dated the 16th April 1943.

2. I am to add that the Hon'ble the Resident has no objection to direct correspondence between the Electrical Departments of the Madras and Mysore Governments on matters of technical detail, provided that correspondence regarding any matter of policy passes through this Residency as usual.

Copy of letter from the Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department, No.E.D.S.4478, dated the 16th April 1943.

Supply of electricity to the Silk Filatures Factory at Kollegal.

I am directed to acknowledge the receipt of your letter No.D.F. 54-43 Pol dated the 23rd March 1943 on the above subject, enclosing a copy of a letter from the Government of Madras No.1352-III/43-5, dated 17th March 1943 and to state as follows:-

(1) The Government of Mysore, Electrical Department will arrange for power supply to the extent of about 65 H.P., in the first instance for supply to the existing Silk Filatures at Kollegal and eventually, up to 200 H.P. when the extension to the proposed new Factory and change over of Panchayat Board distribution material is

(2) The power will be delivered at a central point at Kollegal at 13.2 K.V. ~~xxxxxxxx~~ 25 cycles at 3 phase by running a 13.2 K.V. line along with a telephone line along the new bridge to Kollegal.

(3) The transmission line required 39 miles of No.8 SWG. or nearest equivalent size of hard drawn bare copper conductor. For running the telephone lines, 26 miles of No.12 SWG. hard drawn bare copper conductor or No.8 BWG galvanized iron wire and, for ground wire 13 miles of 5/16" or 3/8" dia. overhead G.I. steel cable are required. The above mentioned materials will have to be sold by the Government of Madras from their stocks to the Mysore Government.

(4) The Government of Mysore Electrical Department will construct the feeder lines from the point of supply to various consuming centres and instal necessary transformers on behalf of the Government of Madras on the basis of actual cost plus 18% supervision and tools and plant charges. The overhead conductor required for these feeder lines will also have to be supplied by the Government of Madras.

(5) The Government of Mysore Electrical Department will instal at their cost a metering equipment at the point of supply for measuring the energy consumed. They will maintain the transmission line up to the point of supply and the metering equipment.

(6) The Government of Madras will execute an agreement agreeing to take power continuously for a period of 5 years and pay, monthly, a minimum of 1/12th of 10 per cent on the capital cost incurred in arragging the power supply of the charges for 100 units per H.P. per month at the rate of one anna per unit, whichever is higher. In addition they will be charged a meter hire of Rs.2/- per month.

(7) In order to enable Mysore Government to arrange for the supply of power required on the above terms, the Madras Government will have to agree to the following conditions:-

(a) The Mysore Government will be given the right of laying and maintaining the transmission line referred to above through the British territory and also the right of extending the transmission line beyond British territory

to places within Mysore State. The Mysore Government will be exempted from the operation of the Indian Electricity Act. [illegible]

(b) The Madras Government will reimburse to the Mysore Government the amount of any income-tax that may have to be paid by reason of their earning an income under this agreemen They will also exempt under the Motor Vehicles Taxation Act those vehicles that will be used for purposes connected with the construction and maintenance of the transmission line.

(c) The Madras Government will permit the transmission and telephone lines being run along the new bridge at Kollegal across the Cauvery. The poles to be erected along the new bridge for carrying the power and telephone conductors will be suitably clamped to the masonry piers in such a manner as not to interfere with the strength of the members of the bridge concerned.

(d) The Madras Government will instruct the officers of the Forest and other departments concerned to grant the Electrical Department the necessary facilities to clear the jungle for the required width for the satisfactory running and maintenance of the transmission line through the British territory.

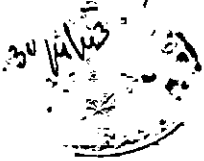
(e) The Madras Government will agree to continue the right of running and maintaining the trasmission line by the Mysore Government through the British territory perpetually, even if power supply to the Silk Filatures etc., at Kollegal is discontinued after five years.

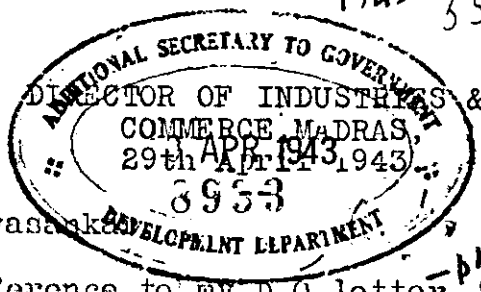
I am to request that the consent of the Government of Madras may be kindly obtained for the above conditions of supply. The Government of Mysore will be glad to arrange the supply as expeditiously as possible on their consent. The Electrical Department is being in the meantime directed to get the necessary surveys made and also to collect materials for taking up the work immediately on receipt of a reply.

The Electrical Department will also be authorized to carry on direct correspondence with the Electricity Department of the Government of Madras on matter of technical details.

1743.50
55

No.2200-D/42





My dear Sivasankar,

With reference to my D.O.letter No.nil, dated 18th April 1943 on the electrification of the Filatures at Kollegal to Mr. Hayath, copy forwarded to you, I have just heard from Hayath as regards the suitability of using 7/074" copper instead of No.8 copper conductor for the power line.

He writes to say as follows:-

"The department will have no objection to use any conductor equivalent in size to one specified by me or a little larger in size. I am awaiting further information from the Electricity Department".

Yours sincerely,

T. Sivasankar Esq.,I.C.S.,
Additional Secretary to
Government, Development Department.

PTO

56
1 0 V
1743

To Addl. U.S.

Secy. def

A copy of this doc. may be sent to P.W.D VO The Encl as the copy below is for approval

Ldo
30.6.43
VDO
1543

5/5/43

NOTES

A12 may see at once with reference 15 to point 2

Shall we write to Nyasa and ask for details about length of line and materials required and also rate at which they can supply current?

AW
23.2.43

A 2 Yes + also Col Platts. If not that the Elec. Supt. have not been too helpful so far in this matter

AW
23/2

SECRETARY TO THE ... 23 FEB 1943 DEVELOPMENT DEPARTMENT

Two drafts for appl.
C
24243.5

Appd. by Secy. in draft. Issue & resubmit. C 24243

[Issued as Letter No 1743 Sc/43-2 d 24.2.43 to Resident Mysore]
[Issued as Do. No 1743 Sc/43-3 d 24.2.43 to C.E for Electricity]

To Hildersley

Renumbered, after issue of this Draft at pp 7-8 cf.,
as directed overleaf.

Jr 24/3 Dor 24/3

Take extracts of the other points
(a) Cocoon control (b) personnel, file in
relevant file & examine
Jr 25.2.43

[Extracts tra
Dor 25/2

Deo

D.O. from Col Platts at p. 9 cf. I have
taken a copy of Platts' letter to PW
Secy., M. It is at pages 11 to 13 cf. and is sub d for pers al
Re delay
underlined by PW see.
Comparable dates
points Qu
MC 26/2/43

i/p 9 13 cf
Subsidy
Qu.
Stoppage in
Mysore

To Under Secretary

M on p 2 above draft D.O. to the D.I.Sc is submitted for approval

28.2.43 28.2.43

34)

15-16 cf. [Issued as D.O. No 1743 CF/43-4 d 1.3.43 by D.I.Sc]

To Under Secretary.

Copy of the notes of preliminary discussion held regarding the electrification of the filaments of Colleges, Vide M on p 17 received from PWD Secy is at M 17-18 cf. Further report on the enquiries proposed to be made as at M on p 17 may be awaited. Kll 10.3.43.

2.3.43 2.3.43

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p 19-20 cf [PWD Memo No 135-2 III/43-7 d 18.3.43]

M 21-22 cf [PWD Memo No 135-2 III/43-4 d 18.3.43]

To Under Secretary

Please see the copies of the memos at Pp 19-20 & 21-22 cf regarding the Construction of transmission lines for supply of electric power from Sivasamudram (in Mysore State) to the ~~Proposed~~ Silk Fibre factory at Kollegal. Draft emtys at Pp 20 & 22 cf are for approval & issue of Govt Orders - at ~~X~~ ~~one~~ Pp 16 cf:

~~The~~ ~~as~~ ~~it~~ ~~was~~ ~~in~~ No separate ~~note~~ other than Copies of the memos etc Pp 19-22 cf, has been received from the P.W.D. for orders wherein the D.E. may now be asked to submit proposals regarding fittings etc inside the Factory as suggested in para 12 of the letter of the CE.

C 27/63 Ad. Sec

A decision should be taken on the question whether 25 Cycles current from Mysore should be given to ~~the~~ Govt Silk Factory or 50 Cycles current as used. SS. 28/3

[Endt No. 1243-EC/43-6 dt 23-3-63 to the D.I.C.]

[from the D.I.T.C. No. 2250 - D/42 dt 22-3-43]
[— do — — do — dt 22-3-43]
[— do — — do — dt 25-3-43]
[— do — — do — dt 30-3-43]
[— do — — do — dt 3-4-43]
[— do — — do DKE 124 dt 8-4-43]
[— do — No Nil dt 17-4-43]

[issued as Memo No. 8036-D/43 Secy dt 19-4-1943]
[from the D.I.T.C. No Nil dt 18-4-43]
[from P.W. Dept Endt No 1352-III/43-13 dt 21-4-43]
[from the D.I.T.C. No. 2260 D/43 dt 29-4-1943]

To Addl U.S

This file relates to the electrification of the Silk Factories at Kollegal. Separate orders have issued in G.O. No. 607 dtd 20-4-1943 Sanctioning the plans & estimates for the electrification of Sir Sidney Webb Industries by P.W.D in Telug. action separately in regard to for obtaining bulk supply of power from Mysore. for the erection of transmission line; further No action is therefore necessary in this file. The papers may be recorded for future reference.

11-5-43 DP 11/5/43

clear

12/5/43 12/5/43

G.O. No 784 Dtd 13.5.43

Districts - Servicemen - Ex-Malaria Technicians at Kolleqal - Electrification - Supply of Power from Sivasamudram to Mysore - Papers recorded

Copy of D.O. from the Director of Industries and Commerce, Madras, dated 17th April 1943 to the Additional Secretary to the Government of Madras, Development Department.

Kollegal Silk Filatures - Electrification.

Chou and I called at the Mysore Secretariat yesterday (16th April 1943) and met the Develope Secretary. We could not meet the Minister in charge of Sericulture as he was away in Ootacamund. We also met Mr. Govinda Rao, the Officer on Special Duty in connection with the Filature Expansion Scheme. This morning Mr. Rao accompanied us to the Sericultural Farm and the Filature at Chennapatna and Thereafter I had a look round these places before coming up to Kollegal.

When at Bangalore I saw the Secretary to Government in the Electricity Department and he told me that Mysore's letter agreeing to giving us power from Sivasamudram was under issue. I also met Hyath at the Secretariat. I was told that 39 miles of 8 SWG copper wire, 26 miles of 12 SWG copper wire and 13 miles of galvanised iron ~~xixxx~~ overhead ground wire 5/16" or 3/" diameter have to be supplied by the Madras Electricity Department to the Mysore Electricity Dept. The sooner these are supplied the better. Hyath also told me that they had already begun collecting materials required for constructing the transmission lines and that once these had been collected, the lines would run with utmost expedition. He said that he required the permission of the Madras Forest and Excise Departmentsfor clearing trees, bushes etc., in order to run the line through certain areas of Kollegal Taluk. I suggest that the Heads of these departments be addressed in the matter at an early date and asked to give such assistance as may be necessary to the representatives of the Mysore Electricity Department.

There is just one more matter worth mentioning. Mysore Electricity Department has located with the Electricity Department of the Kashmir Government a motor of about 100 H.P. suitable for operation on 25 cycles generator. This motor, could, I was told, be used on the existing generator at the Panchayat Power House, Kollegal. I also understand that if a generator of larger size should be available at a later date, it should still be possible to use this motor.

Dev. Dept

for perusal. (Separate action being taken on the points mentioned in the D.O.)

24 APR 1943

D 4 4P

26.4.43.